



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed to be University u/s 3 of UGC Act, 1956)

Grade 'A' Accredited by NAAC

Sector-01, Kamothe, Navi Mumbai -410 209

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COMPETENCY BASED MEDICAL EDUCATION (CBME)

(with effect from 2019-2020 Batches)

Curriculum for Third M.B.B.S – Part II Respiratory Medicine

Approved as per AC-41/2021, Dated 27/08/2021

Amended History

1. Approved as per AC-41/2021, Resolution No. 4.34.i Dated 27/08/2021.

Resolution No. 4.34.i of AC-41/2021: Resolved to approve the changes in “Syllabus & Assessment Scheme” in Medicine & Allied, from CBME batch (UG) admitted in 2019 onwards [ANNEXURE-53A, 53B]

SYLLABUS FOR MBBS CBME BATCH SUB- RESPIRATORY MEDICINE

Topic	Competencies Addressed	Total no. of competencies	Teaching Learning Method	Integration	No. of hours allotted
Tuberculosis- Epidemiology, microbiology of MTB, Pathogenesis, Co-infection with HIV, Diabetes & TB, Clinical presentation	CT 1.1, 1.2, 1.3	3	Lecture	Community Medicine	2
Medical History taking & Physical examination	CT 1.5, 1.6	2	Lecture, Tutorial		1
Mantoux test	CT 1.7	1	Lecture, Tutorial	Microbiology	1
Diagnosis of Tuberculosis- Imaging & AFB smear, PCR, Culture	CT 1.9, 1.10, 1.11, 1.12	4	Lecture		2
Treatment of Tuberculosis- Pharmacology of Antituberculosis drugs, indications, contraindications, DOTS, chemoprophylaxis	CT 1.14, 1.15, 1.16	3	Lecture		1
Drug Resistant Tuberculosis	CT 1.17	1	Lecture		1
OAD- Classification Bronchial Asthma- Definition, classification, risk factors, Pathogenesis, evolution	CT 2.1, 2.2, 2.4		Lecture		1
History & systemic examination of a patient of Bronchial Asthma & Discussion on Differential diagnosis	CT 2.8, 2.9, 2.10, 2.15,	4	Tutorial		1
Epidemiology of Bronchial Asthma, causes of acute exacerbation of OAD's, Allergic & non Allergic precipitants of Asthma, Asthma Phenotypes	CT 2.3, 2.7, 2.10	3	Lecture		1
Diagnosis of Bronchial Asthma, PFT, PEFr, Pulse oximeter, ABG, Chest xray- To generate a Differential Diagnosis	CT 2.11, 2.12, 2.13, 2.14, 2.15, 2.18, 2.22, 2.23, 2.24, 2.25, 2.26, 2.27	12	Lecture, Tutorial		1
Treatment of Bronchial Asthma- Drug therapy, vaccination, Oxygen therapy	CT 2.16, 2.17, 2.20	3	Lecture		1
Pulmonary Function Tests,	CT 2.11, 2.12	2	Lecture, SDL		2

PEFR					
COPD- Introduction, Definition, Classification, Pathophysiology, alpha 1 Antitrypsin Deficiency, Emphysema	CT 2.2, 2.4 2.5	3	Lecture		1
Clinical presentation & examination, identification of signs of consolidation pleural effusion and pneumothorax	CT 2.9, 2.10	2	Lecture		1
Diagnosis of COPD- PFT, ABG, Chest xray, Pulse oximetry, Therapy for OAD including Inhalers, Oxygen therapy, Vaccination, Management of Acute exacerbations	CT 2.11, 2.12, 2.13, 2.14, 2.16, 2.17, 2.18, 2.19	8	Lecture		2
Smoking Cessation	CT 2.28	1	Lecture		1
Total					20



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